

**A Tree Full of Ancestors: Discussion Questions**

1. What branches of the family tree are the same in all three of the versions you collected? Use a highlighter to identify them on your sketches.
2. List the links between species that vary on different family trees and explain why you think each of these points is still controversial.

Difference

Explanation

3. How can scientists look at the same evidence and draw different conclusions?
4. What assumptions have been made in each family tree?
5. As new evidence is found, the branches of the tree may change to accommodate it. Can we ever find enough evidence to know for certain what the hominid family tree looks like? (You may want to refer to Online Lesson 1: **What Is the Nature of Science?** to help answer this question.)